

# Prototype B

Our medium size units for household and recreational use for higher wattage appliances.



## Specs

- 53.2V, 37.3Ah, 2.0kWh, 2500W
- 7 second-life Gen 1 Nissan Leaf modules in series (14S2P Li-ion)
- 43.4 – 57.4V range
- BMS with under/over-voltage protection, 63A circuit breaker.
- Max continuous discharge of 47 A (2500W)
- Outputs: 2500W inverter, 120 VAC x2



Prototype B was the second battery pack we built, and differently from Prototype A, it utilizes second-life Nissan Leaf modules and provides nearly double the output power and capacity. Though with fewer features, this design is larger and heavier. It is still movable with two people, more cost-effective, and even more scalable as the larger modules allow for larger packs that are less labour intensive to assemble. This pack would be suitable for similar applications to Prototype A and for very small-scale solar storage to use at a cabin or RV.